TEAM TESLA

TOPGUNS - 2020



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Team Tesla - Project Highlights



Role based common login authentication

Password encryption & decryption for login feature

Captcha Implementation

JUnit test cases & Exceptional handling

Tomcat File Server

Common folder structure, naming convention and layout for the entire project

Ag Grid table across all projects.



Technical Implementation



User Interface

React JS and Material UI Library (167 Components)



REST APIs

Spring Boot (GET: 72, POST: 21, PUT, 32, DELETE: 8)



Database

POSTGre SQL (20 Tables, 147 SQL Queries)



User Stories

Jira



Source Control

BitBucket (23,340 Lines of Code)



Mail

Spring framework



Captcha

Google React Captcha



Credit Card User Stories

01.

Login to NGOs, View all applications form

02.

New customer CC
Application, edit any
submitted form

03.

Delete a customer CC application

04.

Save and retrieve ID proofs to document manager, perform and retrieve credit score

05.

Retrieve initial offer based on credit score

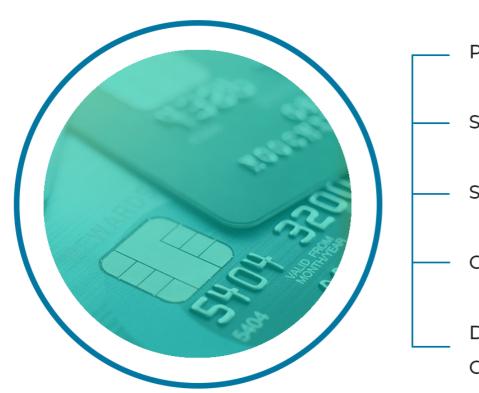
06.

E-mail to customer, confirm offer, inform sales user about approval **07**.

Pull an excel report, view all the applications a sales user is handling



Credit Card - Project Highlights



Password Encryption & Decryption

Super User functionality

Separate User for document verification

Customer Page

Dynamic generating of credit card offers based on CIBIL Score



Liquidity User Stories

01.

Provision to group
accounts according to
the instructions provided
by the client

02.

Provision to have an interest setup that defines interest rates for each account group

03

Interest calculation at the end of day balances and combining balances of all accounts in a group

04.

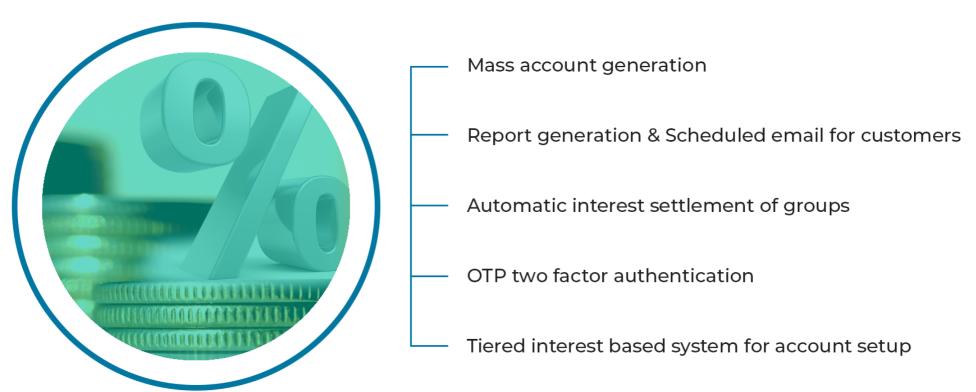
Reports to display the daily results for all accounts

05.

Provision to have tiered interest rates defined according to balance



Liquidity - Project Highlights





RM User Stories

01.

Home Page for upcoming stories

02.

Cleint Notifications by clicking on the count available in Calendar

03

See key fields of the upcoming activities on clicking on the CIF ID

04.

See upcoming activities for next month in the Client

Notification section

05.

Upload the upcoming notifications

06.

Download the summary of notifications



RM - Project Highlights



Financial widgets

Chatbot - Pepper

Apache POI for file uploading

Performance review dashboard

Client quick access & client search functionality

Book appointments page



Payments User Stories

01.

Login to Corporate
Channel Application with
validated credentials

02.

Creating of transaction using an entry screen with validations

03.

Approval of transaction

04.

Transaction

Management(Print, Edit
etc.) Journeys

05.

Interface to Processing engine

06.

Status update and visual display

07.

Account Balancing & Reporting



Payments - Project Highlights



Captcha implementation

Quick pay feature

Manage beneficiaries & manage users

OTP authentication for approval of transactions & beneficiaries

Interactive chart for region wise account



THANK YOU!

